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In the Claims

Please cancel Claim 117. Claims 49-54 and 56 remain as allowed Claims. Claim 117 is canceled herein. Claims 1-48, 55 and 57-116 were previously canceled.

A listing of all Claims, including the text of the allowed Claims, is as follows:

Claims 1-48. (canceled)

49. (currently amended) A power sharing system in a DC load environment comprising:

a primary source of AC;

an alternative primary source of DC;

a secondary source of DC;

a power controller capable of inputting voltage regulated DC power simultaneously from said primary sources, said alternative primary source of DC making a shared contribution of power selected by said power controller, and having a power junction means for delivering a ~~a-constant~~ regulated voltage DC to at least one DC compatible load at an output of said power sharing system;

said power controller controlling supply side power sharing ~~at~~ to a DC load side;

said power controller having a converter converting AC inputted electrical power into a defined DC-regulated voltage to provide and manage power to said DC compatible load;

said power controller producing ~~inputting~~ outputting voltage regulated power ~~affecting~~ controlling response of said alternative primary source of DC power;

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said secondary source of DC being a storage battery to supply power in the event of a failure in a primary source of power, said power controller charging and maintaining said battery in a ~~fully-charged condition~~ state of charge, and,

said power controller ~~biasing~~ capable of altering the output voltage of said power junction means for ~~drawing~~ directing power from said secondary ~~source~~ sources of DC power to limit peak power supplied from said primary source of AC power to said at least one DC compatible load in accordance with a pre-set threshold of power from said primary source of AC power in order to ~~reduce~~ minimize peak power surcharges.

50. (currently amended) The power system of Claim 49 wherein said DC compatible load is a lighting system.

51. (currently amended) The power system of Claim 49 wherein said alternative primary source of DC power is a an energy storage medium.

52. (currently amended) The power system of Claim 49 wherein said alternative primary source of DC is a photo voltaic energy source.

53. (currently amended) The power system of Claim 49 wherein said alternative primary source of DC is a cogenerator.

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54. (currently amended) The power system of Claim 49 wherein said alternative primary source of DC is a wind energy electric energy conversion system.

Claim 55. (canceled)

56. (currently amended) The power system as in Claim 49 in which said power controller ~~has~~ contains circuitry for combining power from said alternative primary source of DC and said battery in the absence of power from said primary source of AC.

Claim 57-116 (canceled)

117. (currently amended) A power control for use in a high efficiency lighting system for maintaining normal lighting conditions ~~by~~ through lighting fixtures requiring DC electrical power comprising;

an AC connection for receiving AC electrical power from a grid source and an output connection for delivering required DC electrical power to said lighting fixtures;

a power controller capable of ~~inputting~~ converting and outputting voltage regulated DC power simultaneously from said AC primary ~~sources~~ source, said alternative sources of DC energy making a shared contribution of power selected by

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said power controller, said differential voltage shared among said power sources influencing an amount of energy coming from each respective source directed to at least one DC load; ~~and~~ said power controller having a power junction means for delivering a constant voltage DC to at least one DC compatible load at an output of said power sharing system;

said power controller voltage influencing the proportion of energy coming from the multiple sources to each said DC ~~the CD load controlling supply-side power sharing at a DC load side;~~

said power controller producing inputting regulated output voltage regulated power affecting ~~response of said~~ the amount of said alternative primary source of DC power reaching each said ~~the load;~~

a converter converting said AC electrical power to DC electrical power;

a connection for a storage battery for providing to provide standby energy to the DC load on a standby basis ~~said required DC voltage electrical power to said power control means; and,~~

said battery connection being connected to said AC and DC converter for maintaining said a connected storage ~~connected battery in a fully-charged condition at a desired state of charge and its discharge,~~ when AC power is connected to the AC connection during normal supply of AC electrical power from said grid source; and
said power ~~control~~ controller delivering said required DC electrical power from

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said battery means to said lighting fixtures during an AC electrical power outage to maintain without interruption normal lighting by said lighting fixtures.